

1   **WHAT IS CLAIMED IS:**

2           1. A digital camera with a multi-illuminating source, the digital camera  
3 comprising:

4           a microprocessor for providing a trigger signal;

5           a flash lamp driver connected to the microprocessor for receiving the trigger  
6 signal;

7           a flash lamp connected to the flash lamp driver, wherein the flash lamp is  
8 controlled by the flash lamp driver to emit a flashlight signal toward a target;

9           a laser driver connected to the microprocessor for receiving the trigger  
10 signal;

11           an infrared element connected to the laser driver for emitting a series of  
12 infrared light signals toward the target;

13           a charge coupled sensor connected to the microprocessor for receiving a  
14 reflected signal from the target through a filter and converting the reflected  
15 signal into a digital photo signal, wherein the filter is connected to the charge  
16 coupled sensor; and

17           a memory connected to the charge coupled sensor for storing the digital  
18 photo signal from charge coupled sensor.

19           2. The digital camera with a multi-illuminating source as claimed in claim 1,  
20 wherein the infrared element is an infrared laser diode (IR LD).

21           3. The digital camera with a multi-illuminating source as claimed in claim 1,  
22 wherein the infrared element is an infrared light emitting diode (IR LED).